Kobe Sarausad

LinkedIn
Portfolio

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Education

University of Washington — **Seattle, WA** — **Sep 2019 -June 2023**
Bachelor of Science in Statistics: Data Science
GPA: 3.55/4.00

Relevant Coursework: Data Structures and Algorithms, Foundational Skills for Data Science, Statistical Computing, Data Visualization, Machine Learning

Experience

MLB — **New York City** — **Jun 2022 - Aug 2022**
Analytics Intern

- Automated data pulls using R scripts to improve efficiency of work
- Segmented customers of MLB products using clustering methods in Python to come up with strategies to target certain audiences and groups

University of Washington — **Seattle, WA** — **Sep 2022 - *Present***
Data Science Intern

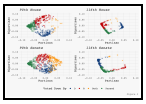
- Created interactive visualizations using D3.js to communicate convoluted data science topics with the Academic Analytics Team

Seattle Mariners — **Seattle, WA** — **Nov 2022 - *Present***
Business Insights Intern

- Worked in Microsoft CRM environment to manage data clarity and cleanliness
- Deployed different machine learning models to solve business problems (randomforest, XGBoost, etc..)

Projects

- *Polarization of Congress (R)*
  - Discovered hidden trends in data using SVD on the roll calls of congress
  - Reported results using ggplot and Rmarkdown



- NBA MVP prediction *(R, slides)*
  - Predicted the NBA MVP using machine learning models that used sentiment analysis
  - Achieved 77% accuracy throughout the 2010-2022 NBA seasons
  - Presented results through Ioslides in Rmarkdown

- *American Homelessness (Vega-Lite)*
  - Created interactive visualizations using Vega-Lite to uniquely present the trends and patterns of homelessness in the United States
- *Miscellaneous Data Visualizations (Twitter, Observable)*

Skills

- Software Tools: Rstudio, Terminal, Eclipse, Jupyter Notebook, Virtual Studio Code, Atom, Tableau, GitHub, Microsoft Excel
- Computing:
  - Proficient:
    - Data Analysis: tidyverse, tidymodels, hypothesis testing, statistical prediction, principal component analysis, machine learning
    - Reporting: RMarkdown, Shiny, kableExtra
    - Visualization: ggplot2
    - Development: R package development, unit testing, code coverage, version control via GitHub
  - [Basic/Familiar]: git, bash, Python, Java, HTML, CSS, JavaScript, Node.js, Vega-Lite, SQLite, SQL
- Languages:
  - English, Japanese (N3, limited working proficiency)